

Title (en)

Electronically controllable fitting for mixing cold and warm water, in particular for a sink

Title (de)

Elektronisch steuerbare Armatur zum Mischen von kaltem und warmen Wasser, insbesondere für einen Waschtisch

Title (fr)

Armature pouvant être commandée électroniquement destinée au mélange d'eau froide et d'eau chaude, notamment pour une table de lavage

Publication

EP 2169124 B1 20141231 (DE)

Application

EP 09163773 A 20090625

Priority

DE 202008012727 U 20080924

Abstract (en)

[origin: EP2169124A2] The fitting (1) has two electrical actuators (9) including stepper motors and for positioning valve bodies of two valve blocks (1.1, 1.2), respectively. A temperature sensor detects water temperature or mixed water temperature. An electronic controller controls one of the actuators based on the detected temperature and a preset temperature value. The controller controls the other actuator based on a preset water flow rate. The valve bodies are positionable independent of each other. One of the valve bodies mixes hot and cold drinking water, and the other valve body adjusts water flow rate.

IPC 8 full level

E03C 1/05 (2006.01); **E03C 1/04** (2006.01); **F16K 11/00** (2006.01); **F16K 11/078** (2006.01); **G05D 23/13** (2006.01)

CPC (source: EP)

E03C 1/04 (2013.01); **E03C 1/05** (2013.01); **F16K 19/006** (2013.01); **G05D 23/1393** (2013.01)

Cited by

CN103511725A; US2016146375A1; US9957700B2; US11391021B2; US9260842B2; US9273450B2; US9650769B2; US9650770B2; US9683352B2; US9689149B2; US9758950B2; US9822513B2; US9909288B2; US9920507B2; US9957699B2; US10000914B2; US10041234B2; US10087607B2; US10106964B2; US10501915B2; US10577784B2; US11230829B2; US11674293B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 2169124 A2 20100331; **EP 2169124 A3 20110928**; **EP 2169124 B1 20141231**; DE 202008012727 U1 20100225; DK 2169124 T3 20150323; ES 2533269 T3 20150408; PT 2169124 E 20150331

DOCDB simple family (application)

EP 09163773 A 20090625; DE 202008012727 U 20080924; DK 09163773 T 20090625; ES 09163773 T 20090625; PT 09163773 T 20090625